## Index of Claims

Application No. 10451583

Examiner

Applicantal

Art Unit

Rejected
= Allowed

- (Through numeral)
Cancelled
+ Restricted

Non-Elected
I Interference

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|              |  | П            |  |                | _            |  |                |              |            |  |    |
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| <del> </del> | 3  | $\vdash$     |  |                | -            | $\neg$   | -              |              | -          |  | l  |
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|              | <b>3</b>   | $\vdash$     |  |                | -            | -  |                |              |            |  | l  |
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|              | 8  |              |  |                |              |  |                | $\perp$      |            |  | l  |
|              | 9  |              |  |                |              |  |                |              |            |  |    |
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|              | $\sqrt{11}$  |              |  |                |              |  |                |              |            |  |    |
|              | 12   | П            |  |                |              |  |                |              |            |  |    |
|              | 13   |              |  |                |              |  |                |              |            |  |    |
|              | 14   | П            |  |                | _            |  |                |              |            |  | 1  |
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| <u> </u>     | 16   | Н            |  | _              |              |  | П              | _            |            |  | ١, |
|              | 17   | Н            |  | _              |              |  |                |              |            |  | 1  |
| <del></del>  | 148  | Н            |  |                | Η-           |  | Н              |              | _          |  |    |
|              | 16   | Н            |  |                | _            | $\vdash$   |                |              | -          | _  | ١. |
| ļ            | 1  | H            |  | _              |              | <u> </u>   |                |              |            |  | i  |
|              | 140  | -            | -  |                | ┝            | -  | Н              | -            |            | _  | ł  |
| <b></b>      | 11   | -            | $\dashv$   |                | -            | -  | Н              | _            |            | -  | ł  |
| <u> </u>     | 12   | Н            |  |                | Ŀ            | -  | -              |              |            |  |    |
| <u> </u>     | 13   | -            | _  |                |              |  | H              |              | _          |  |    |
| <u> </u>     | 14   | Н            |  |                |              | _  | -              | _            |            | _  |    |
| <u> </u>     | 75   | H            |  |                | _            |  | -              | _            |            | L-   |    |
| <u> </u>     | 76   | 1            |  |                |              | _  |                |              | _          | L  | l  |
|              | <b>17</b>  |              |  |                |              | _  |                |              |            | L-   | l  |
| <u></u>      | 28   | Ш            |  |                | L            |  | Ш              |              |            | Ŀ  | Į  |
| Ľ_           | <b>1</b> 9   | $oxed{oxed}$ |  |                |              |  |                |              |            | _  |    |
| <u> </u>     | 30   | Ш            |  |                | L.,          |  |                |              |            |  | l  |
|              | 31   |              |  |                |              |  |                |              |            |  |    |
|              | (32)   |              |  |                |              |  | ,              |              |            |  | ]  |
|              | 33   |              |  |                | Г            |  |                |              |            |  | }  |
|              | 34   |              |  | Г              | Г            |  |                |              |            |  | 1  |
|              | 35   |              |  |                |              |  |                |              | Г          |  | 1  |
|              | 33<br>34<br>35<br>36   |              |  | <u> </u>       |              | 1  |                |              |            | Г  | 1  |
|              | 37   | П            |  |                | 1            | Г  |                | Г            |            |  | 1  |
|              | 38   | -            | -  | _              | 1            | T.   |                |              |            |  | 1  |
|              | 38<br>39   | -            |  | $\vdash$       | $\vdash$     | 1  |                |              | 1          | <u> </u>   | 1  |
| <u> </u>     | 40   |              | _  | Ι              | 1            | <del>                                     </del> | <b> </b>       | ┢            | -          | <del>                                     </del> | 1  |
|              | 41   | Н            | -  |                | -            | 1  | -              | ╁            | -          | 1  | 1  |
| <u> </u>     | 42   | $\vdash$     | -  |                | <del> </del> | -  | <del> </del>   | $\vdash$     | ┢          | +-   | 1  |
|              | 42   | -            | $\vdash$   | -              | 1—           | <del> </del>                                     | $\vdash$       | ├            | -          | ╁  | 1  |
|              | 43   | $\vdash$     | <del>                                     </del> | <del> </del> — | ⊢            | -  | <del> </del> — | $\vdash$     | $\vdash$   | <del>  -</del>                                   | 1  |
|              | 44   |              | <u> </u>   |                | -            | $\vdash$   | <del> </del>   | <del> </del> |            | <del> </del> -                                   | 1  |
|              | 45   | <b> </b> _   |  | <u> </u>       | -            |  | <del> </del>   | <b>!</b>     | <b>!</b> — | -  | 1  |
| ļ            | 46   | <b> </b> _   |  | <b> </b>       | <b> </b>     | <b>!</b>   | -              | <u> </u>     | <u> </u>   | -  | -  |
|              | 47   | _            | ļ  | <b> </b>       | <u> </u>     | <u> </u>   | ↓_             | <u> </u>     | >          | ┵  | 1  |
| L            | 48   |              |  |                | <u> </u>     | <u> </u>   | 1_             | <u> </u>     | Ľ          | <u>                                     </u>     | 1  |
| L            | 49   |              | $\Box$   | L              |              | L  |                | L            | <b>!</b>   | <u> _</u>  | 1  |
| 1            | 50   | 1            | l  | I              | 1            |  | 1              | 1            | Ι.         | 1  | 1  |

| i | Cla  | im       |              |                |               | _  | Date         |          |          |                | $\neg$       |
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|   | Final  | Original | i            |                | /             |  |              |          |          | ,              |              |
|   |  | 51       |              |                |               |  |              |          |          |                | _            |
| - |  | 52<br>58 |              |                |               |  |              |          |          |                | _            |
| ì |  | 58       |              |                |               |  | Ш            | $\dashv$ | _        | _              | _            |
|   |  | 54       |              |                |               |  |              |          |          | _              | _            |
| 1 |  | 55       |              |                |               |  | Ш            |          |          |                | $\dashv$     |
|   |  | 56<br>57 |              | L_             |               |  | Щ            |          | _        | _              | $\dashv$     |
|   |  | 57       | _            | L              | _             | $\vdash$   |              | -        |          |                | $\dashv$     |
|   |  | 58       |              | <u> </u>       | -             | <u> </u>   | Н            |          |          |                | $\dashv$     |
|   | <b> </b>   | 59       | $\vdash$     |                | <del> -</del> |  | Н            | $\dashv$ | -        | -              | $\dashv$     |
|   |  | 60<br>61 | H            |                | -             | ├  |              |          | -        |                | $\dashv$     |
|   |  | 62       | -            | -              | -             | -  | $\vdash$     |          |          |                | $\dashv$     |
|   |  | 63       | -            |                | _             | <del>                                     </del> |              | $\neg$   |          |                |              |
|   |  | 64       | -            |                | -             |  | П            |          |          |                |              |
|   |  | 65       |              |                |               |  |              |          |          |                |              |
| ` |  | 66       |              |                |               |  |              |          |          |                | Ш            |
|   |  | 67       |              |                | _             | L  |              | _        |          |                |              |
|   |  | 68       |              |                | _             | <u> </u>   |              | Ц        |          |                | $\dashv$     |
|   | ļ  | 69       | <u>!</u>     | _              | !             | !  | -            |          |          | _              |              |
|   |  | 70       | _            | <u> </u>       | Ĺ.            | <u> </u> -                                       | _            | Н        |          | _              | Н            |
|   |  | 71<br>72 | _            | _              | -             | -  | <u> </u> -   |          | _        |                | Н            |
|   |  | 72       | <u> </u>     | <u> </u>       |               | -  |              | Н        |          | -              | $\vdash$     |
|   |  | 73<br>74 |              | ├─             | ├             | -  | $\vdash$     | Н        |          | -              | Н            |
|   |  | 75       | ├            | ┢              | ╁             | 1-   |              | _        |          | _              | М            |
|   | <b></b>  | 76       | ┢            | ┢              | -             | 1  | T            |          |          |                |              |
|   |  | 76<br>77 | 一            | -              | 1             | t  |              |          |          |                |              |
|   |  | 78       |              | _              |               |  |              |          |          |                |              |
|   |  | 79       |              |                |               |  |              |          |          | _              |              |
|   |  | 80       |              |                | L             | <u> </u>   |              |          | _        | <u> </u>       | $\vdash$     |
|   |  | 81<br>82 | <u> </u>     | L              | <u> </u>      | ┖  |              | -        | _        | _              |              |
|   |  | 82       | _            | <u> </u> _     | ┟ᆣ            | ↓_   | <u> </u>     | <u> </u> | -        | -              | $\vdash$     |
|   |  | 83       |              | -              |               | ┨-   | ├            |          | -        | -              | Н            |
|   | ├  | 84<br>85 | ╀            | -              | ├-            | ├-   | ╁            | ├─       | ┝        | -              | $\vdash$     |
|   |  | 86       | <del> </del> |                | ├-            | ╢  | ╁            | -        | ┢─       | <del> </del> — | H            |
|   |  | 87       |              | ┝              | +-            | ╁╴   | ╁╴           | -        | $\vdash$ |                |              |
|   |  | 88       | ┢            | ┢              | 1             | $\vdash$   | $\vdash$     | <u> </u> | -        | t              |              |
|   |  | 89       | 1            | <u> </u>       | 1             | 1  |              |          | Г        |                |              |
|   | <del>                                     </del> | 90       | 1            | 1              | 1             | 1  |              |          |          |                |              |
|   |  | 91       |              |                |               |  |              |          |          | L              |              |
|   |  | 92       |              |                | L             |  | 1_           | ļ        | _        | <u> </u>       | _            |
|   |  | 93       |              | L              | 1_            | _  | _            | 1_       | <u> </u> | ļ              | <del> </del> |
|   |  | 94       | 1_           | 1_             | ↓_            | Ļ  | 1_           | <b> </b> | <u> </u> |                | -            |
|   |  | 95       | <b> </b> _   | $\vdash$       | 1-            | $\vdash$   | <del> </del> | ├-       | ┞        | ╁              | 1-           |
|   | <u></u>  | .96      | <u> </u> _   | 1_             | $\vdash$      | ╀  | <del> </del> | ╀        | -        | ╀              | 1-           |
|   | <u></u>  | 97       | <del> </del> | 1              | ┼-            | ╀  | -            | ┼-       | ├        | +-             | <del> </del> |
|   | <u> </u>   | 98       | ├            | <del> </del> − | +             | ╀  | ┼            | ┼        | +        | ╁╴             | ╁            |
|   | <del></del>                                      | 99       | ┼-           | ├-             | ├             | ╀  | +-           | ╁        | ╁╌       | +-             | +-           |
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| Final               | Original   |              |            |          |                |  |  |          |            |              |
|                     | 101        |              |            |          |                |  |  |          |            |              |
|                     | 102        |              |            |          |                |  |  |          | $\Box$     |              |
|                     | 103        |              |            |          |                |  |  |          |            | ╝            |
|                     | 104        | _ ·          |            | ·        |                | L  |  |          |            | ╝            |
|                     | .105       |              |            |          | _              |  |  |          |            | _            |
|                     | 106        |              | · .        |          | L              |  |  | Ш        | $\Box$     | _            |
|                     | 107        |              |            |          | 匚              | _  |  |          | _          | _            |
|                     | 108        |              | L          | _        | ┕              | _  |  |          |            | 4            |
|                     | 109        | _            | <u> </u>   | ļ        | 1_             | <del> </del>                                     | _                                      |          |            | $\dashv$     |
|                     | 110        |              | <b> </b> - |          | <u> </u>       | ├  |  |          |            | $\dashv$     |
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| — <del>:     </del> | 115        | ┝            | -          | -        | -              | -  | $\vdash$                               |          |            | $\dashv$     |
|                     | 116        | <del> </del> |            | 1        | -              | 1  | ┰                                      | -        | П          | $\neg$       |
|                     | 117        | ┝            | ┢          | $\vdash$ | 1              | 1-   | <u> </u>                               |          |            | $\neg$       |
|                     | 118        | _            |            | Г        | İ              | 1  |  |          |            |              |
|                     | 119        | -            | <u></u>    | !        | !              | <del>                                     </del> |  | !        |            |              |
|                     | 120        |              |            |          |                |  |  |          | Ш          |              |
|                     | 121<br>122 |              |            |          | L              | <u> </u>   | <u> </u>                               | L        |            |              |
|                     | 122        | L            | <u> </u>   | ļ        | <u> </u>       | <u> </u>   | <u> </u>                               | _        |            |              |
|                     | 123        | Ŀ            | ļ_         | <u> </u> | ـــــ          | <b> </b> _                                       | ├-                                     | _        | _          |              |
| <u></u>             | 124<br>125 | _            | ⊢          | <b>├</b> | ┝              | -  | -                                      | 1-       |            |              |
|                     | 125        | -            | ├          | ╂─       | $\vdash$       | ╁╌   | ╁                                      | 1-       | $\vdash$   | Н            |
|                     | 126<br>127 | ╌            | -          | ╁        | +              | $\vdash$   | ╁                                      | -        | H          | Н            |
|                     | 128        | <del> </del> | $\vdash$   | 一        |                | 1  | $\top$                                 | Т        | Ī.         |              |
|                     | 129        | 1            |            | 1        | Τ              | 1  | Π                                      |          | L          |              |
|                     | 130        | 1            |            |          |                |  |  | L        | L          |              |
|                     | 131        |              |            | L        | L              | 1_   | _                                      | <u> </u> | <u> </u>   | _            |
|                     | 132        | L            | <u> </u>   | 乚        | 1_             | ↓_   | 丄                                      | <u> </u> | <b> </b> _ | -            |
|                     | 133        | <u> </u>     | <u> </u>   | ↓_       | 1_             | ╄  | ╀-                                     | ↓_       | ┼-         | -            |
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|                     | 136<br>137 | ╂            | ╂─         | ╁        | ╁              | ╁  | ╁╌                                     | +-       | 十          | $\vdash$     |
|                     | 138        | ╂╌           | ┼-         | ╁╌       | ╁╴             | +-   | 十                                      | 1        | T          | T            |
|                     | 139        | ╁            | ╁╴         | +        | 1              | 十  | 1                                      | 1        | Τ          |              |
|                     | 140        | 1            | 1          | $\top$   | 1              | -1-  | Τ                                      |          | L          |              |
| <u> </u>            | 141        | 1            | 1          | 1        |                |  | $\mathbb{L}$                           |          | 1_         | 1_           |
|                     | 142        | 1            | $T_{-}$    |          |                | L  | 1_                                     | 1        | 1          | ــــ         |
|                     | 143        | ]_           |            | _        | 1_             | ┸  | 4_                                     | 1        | ₽          | <del>↓</del> |
|                     | 144        |              | 丄          | 1_       | ┸              | 4  | -                                      | 1        | +-         | -            |
|                     | 145        |              | 1          | 1        | +              | 4  | 4-                                     | +        | +          | ╁            |
|                     | 146        |              | ļ.         | 4-       | 4              | +  | - -                                    | +        | +-         | +-           |
| <u> </u>            | 147        |              | -          | -        | +              | +-   |  | +-       | +-         | +            |
| <u> </u>            | 148        |              | +          | ╀        | +-             | +  | +                                      | ╁        | +-         | +            |
| <u> </u>            | 149        |              | +          | ╁        | +              | +  | +-                                     | +-       | +-         | +            |
| L                   | 150        | <u></u>      |            |          | Т-             | ــــــــــــــــــــــــــــــــــــــ           | ــــــــــــــــــــــــــــــــــــــ |          |            |              |
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